

## Subjects for **MSc** Qualification Exam

1. Solid State Physics
2. Electromagnetic Theory
3. Nuclear Physics
4. Quantum Mechanics
5. Modern Physics
6. Classical Mechanics

## Subjects for **PhD** Qualification Exam

<b>General Subjects</b>
Quantum Mechanics
Nuclear Physics
Electromagnetic Theory

<b>Ph.D. Seat</b>	<b>Specialized Subjects</b>
Plasma Physics	1- Adv. Plasma Physics 2- Plasma Diagnostic 3- Water Waste Treatment Techniques
Solid state physics	1-Adv. Solid State Physics 2-Nanophysics 3-Thin Films Deposition Techniques
Materials Science	1-Adv. Solid state physics 2-Nanophysics 3-Materials Science
Theoretical Physics	1-Adv. Solid State Physics 2-Density Functional Theory 3- Mathematical Physics